

10/548,748

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAPplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAPplus updated with revised CAS roles
NEWS 7 JAN 22 CA/CAPplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000
to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:54:23 ON 21 APR 2007

=> file caplus biosis medline agricola caba wpix biotechno patents

FILE 'ENCOMPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 11:54:53 ON 21 APR 2007

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FILE 'PATDPAFULL' ENTERED AT 11:54:53 ON 21 APR 2007
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FILE 'PATDPASPC' ENTERED AT 11:54:53 ON 21 APR 2007
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FILE 'TULSA2' ENTERED AT 11:54:53 ON 21 APR 2007
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FILE 'USPATFULL' ENTERED AT 11:54:53 ON 21 APR 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:54:53 ON 21 APR 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 11:54:53 ON 21 APR 2007
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FILE 'WPIFV' ENTERED AT 11:54:53 ON 21 APR 2007
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s Bax (2a) inhibitor (3a) (polypeptide or DNA or nucleic or nucleotide or polynucleotide or vector or protein)

5 FILES SEARCHED...

11 FILES SEARCHED...

19 FILES SEARCHED...

29 FILES SEARCHED...

32 FILES SEARCHED...

42 FILES SEARCHED...

L1 479 BAX (2A) INHIBITOR (3A) (POLYPEPTIDE OR DNA OR NUCLEIC OR NUCLEOTIDE OR POLYNUCLEOTIDE OR VECTOR OR PROTEIN)

=> s l1 and (tissue or mesophyll or leaf) (2a) (promoter or expression)

1 FILES SEARCHED...

11 FILES SEARCHED...

25 FILES SEARCHED...

42 FILES SEARCHED...

L2 165 L1 AND (TISSUE OR MESOPHYLL OR LEAF) (2A) (PROMOTER OR EXPRESSION)

=> s l2 and (disease or pathogen or biotic or abiotic or stress) (3a) (resistant or resistance or tolerance or tolerant)

6 FILES SEARCHED...

11 FILES SEARCHED...

21 FILES SEARCHED...

34 FILES SEARCHED...

L3 151 L2 AND (DISEASE OR PATHOGEN OR BIOTIC OR ABIOTIC OR STRESS) (3A) (RESISTANT OR RESISTANCE OR TOLERANCE OR TOLERANT)

=> s l3 and (monocot or dicot or plant)

11 FILES SEARCHED...

31 FILES SEARCHED...

L4 151 L3 AND (MONOCOT OR DICOT OR PLANT)

=> s l4 and (necrotic or necrosis or necrotrophic or hemibiotrophic) (3a) (pathogen or disease)

11 FILES SEARCHED...

31 FILES SEARCHED...

L5 86 L4 AND (NECROTIC OR NECROSIS OR NECROTROPHIC OR HEMIBIOTROPHIC) (3A) (PATHOGEN OR DISEASE)

=> s l5 not PY>2003

11 FILES SEARCHED...

```
22 FILES SEARCHED...
'2003' NOT A VALID FIELD CODE
32 FILES SEARCHED...
'2003' NOT A VALID FIELD CODE
L6          1 L5 NOT PY>2003
```

```
=> s l4 not PY>2003
12 FILES SEARCHED...
'2003' NOT A VALID FIELD CODE
32 FILES SEARCHED...
'2003' NOT A VALID FIELD CODE
L7          7 L4 NOT PY>2003
```

```
=> remo dup l7
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.
```

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

```
DELETE BIO?/Q          - delete query names starting with BIO
DELETE ?DRUG/A          - delete answer set names ending with DRUG
DELETE ?ELEC?/L         - delete L-number lists containing ELEC
DELETE ANTICOAG/S       - delete SDI request
DELETE ENZYME/B         - delete batch request
DELETE .MYCLUSTER       - delete user-defined cluster
DELETE .MYFORMAT        - delete user-defined display format
DELETE .MYFIELD         - delete user-defined search field
DELETE NAMELIST MYLIST - delete mailing list
```

To delete an ordered document or an offline print, enter its number.

Examples:

```
DELETE P123001C        - delete print request
DELETE D134002C        - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```
DELETE L21             - delete a single L-number
DELETE L3-L6           - delete a range of L-numbers
DELETE LAST 4          - delete the last 4 L-numbers
DELETE L33-            - delete L33 and any higher L-number
DELETE -L55            - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                      renumber remaining L-numbers
DELETE RENUMBER        - renumber L-numbers after deletion of
                      intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED - delete all saved queries, answer sets,
               and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT - delete all user-defined display formats
DELETE FIELD - delete all user-defined search fields
DELETE SELECT - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                 session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

=> dup remov l7

DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, IMSPATENTS, LITALERT, PATDPASPC, PCTGEN, PROUSDDR, PS, RDISCLOSURE, SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L7

L8 6 DUP REMOV L7 (1 DUPLICATE REMOVED)

=> d his

(FILE 'HOME' ENTERED AT 11:54:23 ON 21 APR 2007)

FILE 'CAPLUS, BIOSIS, MEDLINE, AGRICOLA, CABA, WPIX, BIOTECHNO, CAOLD, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT, IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, ...' ENTERED AT 11:54:53 ON 21 APR 2007

```
L1 479 S BAX (2A) INHIBITOR (3A) (POLYPEPTIDE OR DNA OR NUCLEIC OR NUC
L2 165 S L1 AND (TISSUE OR MESOPHYLL OR LEAF) (2A) (PROMOTER OR EXPRE
L3 151 S L2 AND (DISEASE OR PATHOGEN OR BIOTIC OR ABIOTIC OR STRESS)
L4 151 S L3 AND (MONOCOT OR DICOT OR PLANT)
L5 86 S L4 AND (NECROTIC OR NECROSIS OR NECROTROPHIC OR HEMIBIOTROP
L6 1 S L5 NOT PY>2003
L7 7 S L4 NOT PY>2003
L8 6 DUP REMOV L7 (1 DUPLICATE REMOVED)
```

=> d l8 1-6

```
L8 ANSWER 1 OF 6 IFIPAT COPYRIGHT 2007 IFI on STN DUPLICATE 1
AN 10311836 IFIPAT;IFIUDB;IFICDB
TI ANTI-APOPTOSIS GENES AND METHODS OF USE THEREOF; NUCLEOTIDE SEQUENCES
   CODING POLYPEPTIDES FOR USE IN THE GENERATION OF DISEASE AND
   STRESS RESISTANT PLANTS
IN Gordon-Kamm William J; Johal Gurmukh S; Navarro Acevedo Pedro A; Simmons
   Carl R; Tao Yumin
PA Unassigned Or Assigned To Individual (68000)
PPA Pioneer Hi-Bred International Inc (Probable)
PI US 2003056249 A1 20030320
AI US 2002-167015 20020611
PRAI US 2001-297478P 20010612 (Provisional)
FI US 2003056249 20030320
DT Utility; Patent Application - First Publication
FS CHEMICAL
   APPLICATION
ED Entered STN: 28 Mar 2003
```

Last Updated on STN: 10 Mar 2004

CLMN 96

L8 ANSWER 2 OF 6 USPATFULL on STN
AN 2003:196077 USPATFULL
TI Methods for enhancing plant transformation frequencies
IN Ross, Margit C., Johnston, IA, UNITED STATES
Church, Laura A., Des Moines, IA, UNITED STATES
Hill, Patrea M., Des Moines, IA, UNITED STATES
Gordon-Kamm, William J., Urbandale, IA, UNITED STATES
Lowe, Keith S., Johnston, IA, UNITED STATES
Hoerster, George J., Des Moines, IA, UNITED STATES
Bidney, Dennis L., Urbandale, IA, UNITED STATES
PA Pioneer Hi-Bred International, Inc. (U.S. corporation)
PI US 2003135889 A1 20030717
AI US 2003-336980 A1 20030106 (10)
RLI Continuation of Ser. No. US 2000-613094, filed on 10 Jul 2000, GRANTED,
Pat. No. US 6512165
DT Utility
FS APPLICATION
LN.CNT 1257
INCL INCLM: 800/288.000
INCLS: 435/468.000; 800/312.000; 800/320.100
NCL NCLM: 800/288.000
NCLS: 435/468.000; 800/312.000; 800/320.100
IC [7]
ICM C12N015-87
ICS A01H005-00
IPCI C12N0015-87 [ICM,7]; A01H0005-00 [ICS,7]
IPCR C12N0015-31 [I,C*]; C12N0015-31 [I,A]; C12N0015-33 [I,C*];
C12N0015-33 [I,A]; C12N0015-82 [I,C*]; C12N0015-82 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 6 USPATFULL on STN
AN 2003:12073 USPATFULL
TI Plant cytoprotective genes and methods of using same
IN Reed, John C., Rancho Santa Fe, CA, UNITED STATES
PI US 2003009785 A1 20030109
AI US 2001-955526 A1 20010912 (9)
PRAI US 2000-331371P 20000913 (60)
DT Utility
FS APPLICATION
LN.CNT 1644
INCL INCLM: 800/289.000
INCLS: 800/317.400
NCL NCLM: 800/289.000
NCLS: 800/317.400
IC [7]
ICM A01H005-00
IPCI A01H0005-00 [ICM,7]
IPCR C07K0014-415 [I,C*]; C07K0014-415 [I,A]; C12N0015-82 [I,C*];
C12N0015-82 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 6 USPATFULL on STN
AN 2003:26464 USPATFULL
TI Methods for enhancing plant transformation frequencies
IN Ross, Margit C., Johnston, IA, United States
Church, Laura A., Des Moines, IA, United States
Hill, Patrea M., Des Moines, IA, United States
Gordon-Kamm, William J., Urbandale, IA, United States
Lowe, Keith S., Johnston, IA, United States
Hoerster, George J., Des Moines, IA, United States
Bidney, Dennis L., Des Moines, IA, United States

PA Pioneer Hi-Bred International, Inc., Des Moines, IA, United States (U.S. corporation)
 PI US 6512165 B1 20030128
 AI US 2000-613094 20000710 (9)
 DT Utility
 FS GRANTED
 LN.CNT 1226
 INCL INCLM: 800/290.000
 INCLS: 435/468.000; 800/278.000; 800/280.000; 800/288.000; 800/312.000; 800/320.100; 800/320.200; 800/320.300; 536/023.700; 536/023.720
 NCL NCLM: 800/290.000
 NCLS: 435/468.000; 536/023.700; 536/023.720; 800/278.000; 800/280.000; 800/288.000; 800/312.000; 800/320.100; 800/320.200; 800/320.300
 IC [7]
 ICM A01H005-00
 ICS C12N015-82; C12N015-31; C12N015-33
 IPCI A01H0005-00 [ICM,7]; C12N0015-82 [ICS,7]; C12N0015-31 [ICS,7]; C12N0015-33 [ICS,7]
 IPCR C12N0015-31 [I,C*]; C12N0015-31 [I,A]; C12N0015-33 [I,C*]; C12N0015-33 [I,A]; C12N0015-82 [I,C*]; C12N0015-82 [I,A]
 EXF 435/468; 435/419; 800/278; 800/280; 800/288; 800/290; 800/312; 800/320.1; 800/314; 800/306; 800/320; 800/320.2; 800/320.3; 800/317.4; 800/317.2; 800/322; 536/23.7; 536/23.72
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 6 PCTFULL COPYRIGHT 2007 Univentio on STN
 AN 2002101079 PCTFULL ED 20030102 EW 200251
 TIEN ANTI-APOPTOSIS GENES AND METHODS OF USE THEREOF
 TIFR GENES ANTI-APOPTOSE ET PROCEDES D'UTILISATION CORRESPONDANTS
 IN SIMMONS, Carl, R., 4228 Holland Drive, Des Moines, IA 50310, US;
 GORDON-KAMM, William, J., 3916 67th Street, Urbandale, IA 50322, US;
 JOHAL, Gurmukh, 4519 91st Street, Urbandale, IA 50322, US;
 ACEVEDO, Pedro, A., Navarro, 315 S. 4th Street, Ames, IA 50010, US;
 TAO, Yumin, 4605 Ashwood Drive, Urbandale, IA 50322, US
 PA PIONEER HI-BRED INTERNATIONAL, INC., 800 Capital Square, 400 Locust Street, Des Moines, IA 50309, US [US, US]
 AG BROOKE, Catherine, D., Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000, US
 LAF English
 LA English
 DT Patent
 PI WO 2002101079 A2 20021219
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
 CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
 JP KE KG KP KR LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG
 UZ VN YU ZA ZW
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 PRAI US 2001-60/297,478 20010612
 AI WO 2002-US19114 A 20020611
 ICM C12Q

L8 ANSWER 6 OF 6 PCTFULL COPYRIGHT 2007 Univentio on STN
 AN 2002004649 PCTFULL ED 20020814
 TIEN METHODS FOR ENHANCING PLANT TRANSFORMATION FREQUENCIES
 TIFR METHODES DESTINEES A AUGMENTER LA FREQUENCE DE TRANSFORMATION DES PLANTES
 IN ROSS, Margit, C.;
 CHURCH, Laura, A.;
 HILL, Patrea, M.;
 GORDON-KAMM, William, J.;
 LOWE, Keith, S.;

HOERSTER, George, J.;
 BIDNEY, Dennis, L.
 PA PIONEER HI-BRED INTERNATIONAL, INC.
 DT Patent
 PI WO 2002004649 A2 20020117
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
 CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
 JP KE KG KP KR LR LS LT LU LV MA MD MG MK MN MW MX MZ NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ
 VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE TR
 PRAI US 2000-09/613,094 20000710
 AI WO 2001-US21580 A 20010709
 ICM C12N015-82

=> s l3 and (monocot or dicot or plant) and (mlo or RacB or Naox)
 11 FILES SEARCHED...
 35 FILES SEARCHED...
 L9 87 L3 AND (MONOCOT OR DICOT OR PLANT) AND (MLO OR RACB OR NAOX)

=> s l9 and (tissue or mesophyl or leaf) (3a) promoter
 14 FILES SEARCHED...
 44 FILES SEARCHED...
 L10 5 L9 AND (TISSUE OR MESOPHYL OR LEAF) (3A) PROMOTER

=> d his

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FILE 'CAPLUS, BIOSIS, MEDLINE, AGRICOLA, CABA, WPIX, BIOTECHNO, CAOLD, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, EPFULL, FRANCEPAT, FRFULL, FSTA, GBFULL, IFIPAT, IMSPATENTS, INPADOC, JAPIO, KOREAPAT, LITALERT, NTIS, PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, ...' ENTERED AT 11:54:53 ON 21 APR 2007

L1 479 S BAX (2A) INHIBITOR (3A) (POLYPEPTIDE OR DNA OR NUCLEIC OR NUC
 L2 165 S L1 AND (TISSUE OR MESOPHYLL OR LEAF) (2A) (PROMOTER OR EXPRE
 L3 151 S L2 AND (DISEASE OR PATHOGEN OR BIOTIC OR ABIOTIC OR STRESS)
 L4 151 S L3 AND (MONOCOT OR DICOT OR PLANT)
 L5 86 S L4 AND (NECROTIC OR NECROSIS OR NECROTROPHIC OR HEMIBIOTROP
 L6 1 S L5 NOT PY>2003
 L7 7 S L4 NOT PY>2003
 L8 6 DUP REMOV L7 (1 DUPLICATE REMOVED)
 L9 87 S L3 AND (MONOCOT OR DICOT OR PLANT) AND (MLO OR RACB OR NAOX
 L10 5 S L9 AND (TISSUE OR MESOPHYL OR LEAF) (3A) PROMOTER

=> d l10 1-5

L10 ANSWER 1 OF 5 WPIX COPYRIGHT 2007 THE THOMSON CORP on STN
 AN 2004-668959 [65] WPIX
 DNC C2004-238965 [65]
 DNN N2004-529935 [65]
 TI Improving resistance of plants to biotic or
 abiotic stress, particularly to fungi, by increasing expression of
 Bax Inhibitor-1 protein, also new Bax
 Inhibitor-1 proteins and nucleic acid encoding
 them
 DC B04; C06; D13; D16; P13
 IN FRANK M; HUECKELHOVEN R; KOGEL K; KOGEL K H; HUCKELHOVEN R
 PA (BADI-C) BASF PLANT SCI GMBH
 CYC 107
 PI WO 2004081217 A2 20040923 (200465)* DE 160[13] C12N015-82
 EP 1604029 A2 20051214 (200582) DE

BR 2004008286 A 20060307 (200619) PT
 US 20060064775 A1 20060323 (200622) EN
 ADT WO 2004081217 A2 WO 2004-EP2436 20040310; BR 2004008286 A BR 2004-8286
 20040310; EP 1604029 A2 EP 2004-718952 20040310; EP 1604029 A2 WO
 2004-EP2436 20040310; BR 2004008286 A WO 2004-EP2436 20040310; US
 20060064775 A1 WO 2004-EP2436 20040310; US 20060064775 A1 US 2005-548748
 20050908
 FDT EP 1604029 A2 Based on WO 2004081217 A; BR 2004008286 A Based on WO
 2004081217 A
 PRAI DE 2003-10311118 20030312
 IC ICM C12N015-82
 ICS A01H005-00
 IPCI A01H0001-00 [I,A]; A01H0001-00 [I,C]; C12N0015-87 [I,A]; C12N0015-87 [I,C]
 IPCR C07K0014-415 [I,A]; C07K0014-415 [I,C]; C12N0015-29 [I,A]; C12N0015-29
 [I,C]; C12N0015-82 [I,A]; C12N0015-82 [I,C]

L10 ANSWER 2 OF 5 IFIPAT COPYRIGHT 2007 IFI on STN
 AN 11115766 IFIPAT;IFIUDB;IFICDB
 TI METHOD FOR INCREASING RESISTANCE AGAINST STRESS
 FACTORS IN PLANTS
 IN Frank Markus (DE); Huckelhoven Ralph (DE); Kogel Karl-Heinz (DE)
 PA BASF Plant Science GmbH DE (59377)
 PI US 2006064775 A1 20060323
 AI US 2004-548748 20040310
 WO 2004-EP2436 20040310
 20050908 PCT 371 date
 20050908 PCT 102(e) date
 PRAI DE 2003-103111182 20030312
 FI US 2006064775 20060323
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 ED Entered STN: 24 Mar 2006
 Last Updated on STN: 24 Mar 2006
 CLMN 21

L10 ANSWER 3 OF 5 PCTFULL COPYRIGHT 2007 Univentio on STN
 AN 2004081217 PCTFULL ED 20040929 EW 200439
 TIEN METHOD FOR INCREASING RESISTANCE AGAINST STRESS
 FACTORS IN PLANTS
 TIFR PROCEDES POUR AUGMENTER LA RESISTANCE DE VEGETAUX PAR RAPPORT A DES
 FACTEURS DE STRESS
 TIDE VERFAHREN ZUR ERHOEHUNG DER RESISTENZ GEGEN STRESSFAKTOREN IN PFLANZEN
 IN FRANK, Markus, Rheindammstrasse 30, 68163 Mannheim, DE [DE, DE];
 KOGEL, Karl-Heinz, Berggartenstrasse 7, 35457 Lollar, DE [DE, DE];
 HUECKELHOVEN, Ralph, Glaubrechtstr. 12, 35392 Giessen, DE [DE, DE]
 PA BASF PLANT SCIENCE GMBH, 67056 Ludwigshafen, DE [DE, DE], for all
 designates States except US;
 FRANK, Markus, Rheindammstrasse 30, 68163 Mannheim, DE [DE, DE], for US
 only;
 KOGEL, Karl-Heinz, Berggartenstrasse 7, 35457 Lollar, DE [DE, DE], for
 US only;
 HUECKELHOVEN, Ralph, Glaubrechtstr. 12, 35392 Giessen, DE [DE, DE], for
 US only
 AG BIEBERBACH, Andreas, BASF Aktiengesellschaft, 67056 Ludwigshafen, DE
 LAF German
 LA German
 DT Patent
 PI WO 2004081217 A2 20040923
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM

ZW
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE ES FI
 GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK SL
 TJ TR TT UA UG UZ YU
 RW (ARIPO): BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
 NL PL PT RO SE SI SK TR
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 PRAI DE 2003-103 11 118.2 20030312
 AI WO 2004-EP2436 A 20040310
 ICM C12N015-82
 ICS C07K014-415; C12N015-29; A01H005-00

L10 ANSWER 4 OF 5 USPATFULL on STN
 AN 2006:75723 USPATFULL
 TI Method for increasing resistance against stress
 factors in plants
 IN Frank, Markus, Mannheim, GERMANY, FEDERAL REPUBLIC OF
 Kogel, Karl-Heinz, Lollar, GERMANY, FEDERAL REPUBLIC OF
 Huckelhoven, Ralph, Gieben, GERMANY, FEDERAL REPUBLIC OF
 PA BASF Plant Science GmbH, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF
 (non-U.S. corporation)
 PI US 2006064775 A1 20060323
 AI US 2004-548748 A1 20040310 (10)
 WO 2004-EP2436 20040310

20050908 PCT 371 date
 PRAI DE 2003-10311118 20030312
 DT Utility
 FS APPLICATION
 LN.CNT 5873
 INCL INCLM: 800/279.000
 NCL NCLM: 800/279.000
 IC IPCI A01H0001-00 [I,A]; C12N0015-87 [I,A]
 IPCR A01H0001-00 [I,A]; A01H0001-00 [I,C]; C07K0014-415 [I,C*];
 C07K0014-415 [I,A]; C12N0015-29 [I,C*]; C12N0015-29 [I,A];
 C12N0015-82 [I,C*]; C12N0015-82 [I,A]; C12N0015-87 [I,C];
 C12N0015-87 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 5 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
 AN 2004-668959 [65] WPIDS
 DNC C2004-238965 [65]
 DNN N2004-529935 [65]
 TI Improving resistance of plants to biotic or
 abiotic stress, particularly to fungi, by increasing expression of
 Bax Inhibitor-1 protein, also new Bax
 Inhibitor-1 proteins and nucleic acid encoding
 them
 DC B04; C06; D13; D16; P13
 IN FRANK M; HUECKELHOVEN R; KOGEL K; KOGEL K H; HUCKELHOVEN R
 PA (BADI-C) BASF PLANT SCI GMBH
 CYC 107
 PI WO 2004081217 A2 20040923 (200465)* DE 160[13] C12N015-82
 EP 1604029 A2 20051214 (200582) DE
 BR 2004008286 A 20060307 (200619) PT
 US 20060064775 A1 20060323 (200622) EN
 ADT WO 2004081217 A2 WO 2004-EP2436 20040310; BR 2004008286 A BR 2004-8286
 20040310; EP 1604029 A2 EP 2004-718952 20040310; EP 1604029 A2 WO
 2004-EP2436 20040310; BR 2004008286 A WO 2004-EP2436 20040310; US
 20060064775 A1 WO 2004-EP2436 20040310; US 20060064775 A1 US 2005-548748
 20050908
 FDT EP 1604029 A2 Based on WO 2004081217 A; BR 2004008286 A Based on WO

2004081217 A

PRAI DE 2003-10311118 20030312

IC ICM C12N015-82

ICS A01H005-00

IPCI A01H0001-00 [I,A]; A01H0001-00 [I,C]; C12N0015-87 [I,A]; C12N0015-87 [I,C]

IPCR C07K0014-415 [I,A]; C07K0014-415 [I,C]; C12N0015-29 [I,A]; C12N0015-29
[I,C]; C12N0015-82 [I,A]; C12N0015-82 [I,C]

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☐ 1. Document ID: US 20060064775 A1

L5: Entry 1 of 1

File: PGPB

Mar 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060064775

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060064775 A1

TITLE: Method for increasing resistance against stress factors in plants

PUBLICATION-DATE: March 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Frank; Markus	Mannheim		DE
Kogel; Karl-Heinz	Lollar		DE
Huckelhoven; Ralph	Gieben		DE

US-CL-CURRENT: 800/279

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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Terms	Documents
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<input type="checkbox"/>	L5	L2 and huckelhoven.in.	1
<input type="checkbox"/>	L4	L2 and kogel.in.	2
<input type="checkbox"/>	L3	L2 and frank.in.	2
<input type="checkbox"/>	L2	L1 and (pathogen or disease or stress) near4 (resistant or resistance or tolearnce or tolerant)	16
<input type="checkbox"/>	L1	(Bax near2 inhibitor) and (tissue or mesophyll or bundle or leaf) near4 promoter	24

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